

Serial No. 10/533,814

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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings.

Listing of Claims

1. (Currently amended) A fire retardant VC-based resin composition, comprising:

100 parts by weight of a VC-based resin,

0.05 to 10 parts by weight of at least one anti-smoke agent selected from hydroxy zinc stannate or molybdenum compounds, [[and]]

0.01 to 10 parts by weight of at least one compound selected from aluminum- and magnesium-metal hydroxide and zeolite, and

0.1 to 10 parts by weight of at least one compound selected from poly(methyl methacrylate), poly(butyl methacrylate), poly(ethyl acrylate), poly(butyl acrylate), and poly(2-ethylhexyl acrylate), and their copolymers as a processing aid.

2. (Canceled)

3. (Withdrawn) A fire retardant VC-based resin composition according to claim 1, wherein said anti-smoke agent includes 0.05 to 8 parts by weight of the molybdenum compound and which further comprises 0.1 to 3 parts by weight of an alkaline compound.

4. (Withdrawn) A fire retardant VC-based resin composition according to claim 1, wherein said anti-smoke agent includes 0.1 to 8 parts by weight of a surface-coated anti-smoke agent in which an alkaline compound or a mixture of an alkaline compound and titanium oxide is used as a nucleating agent and a surface thereof

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is coated with a molybdenum compound.

5. (Withdrawn) A fire retardant VC-based resin composition according to claim 4, wherein said molybdenum compound is preferably 5 to 50 % by weight of the surface-coated anti-smoke agent.

6. (Previously presented) A fire retardant VC-based resin composition according to claim 4, wherein said alkaline compound is at least one compound selected from aminocarboxylic acid derivatives, urea derivatives, dolomite derivatives, metal soap, beryllium oxide, magnesium oxide, calcium oxide, strontium oxide, barium oxide, silicon oxide, aluminum oxide, zinc oxide, lime carbonate, ultramarine, barium sulfate, and precipitated barium sulfate.

7. (Original) A fire retardant VC-based resin article prepared by molding the fire retardant VC-resin composition according to claim 1 by means of extrusion molding, calender press molding, or extrusion-followed by press molding.

8. (Withdrawn) A fire retardant VC-based resin article according to claim 7, wherein color difference Δa determined by a warm-water color change test at 60°C for 48 hours is -0.5 to +0.5 before and after warm-water soaking.

9. (Withdrawn) A fire retardant VC-based resin composition according to claim 1, wherein the molybdenum compounds comprise one or more of molybdenum oxide, molybdenum trioxide, molybdic acid, ammonium molybdate, ammonium octamolybdate, zinc molybdate, calcium molybdate, zinc-calcium molybdate, sodium molybdate,

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molybdenum disulfide, melamine β -molybdate.

10-13. (Canceled)